



Amy Jankowiak
Water Quality Program
Washington State Department of Ecology
Northwest Regional Office
3190 160th Avenue SE
Bellevue, WA 98008-5452

Dear Ms. Jankowiak:

Re: Washington Cruise MOU Compliance Report: 2019 Cruise Season

Carnival Legend
IMO #9224726
EPA # FLR000093948-Florida

Section 9 of the Memorandum of Understanding for Cruise Operations in Washington State (signed April 20, 2004 and amended March, 2016), requires an annual submittal detailing the compliance with the MOU for each vessel within the NWCA that calls to a port in Washington for the previous cruise season. Please accept this letter on behalf of Carnival Cruise Line for the 2019 cruise season.

The following ship operated Washington waters during 2019:

- Carnival Legend operated in Seattle, Washington from May 6th through September 10th 2019, calling on Seattle May 6, 14, 21, 28; June 4, 11, 18, 25; July 2, 9, 16, 23, 30; August 6, 13, 20, 27; and September 3, 10, a total of 19 calls.

Carnival Legend's operations in Washington State addressed the following key provisions of the MOU as follows:

Section 2.1 Wastewater Management. Carnival Legend managed its wastewater in compliance with this section as follows:

- In compliance with Section 2.1.1 and 2.1.2, Carnival Legend held all treated and untreated gray and black water while in Washington waters and did not discharge solid waste or oily bilge water if not in compliance with applicable federal and state laws while in Washington waters. List the ships that held their effluent and describe the type of treatment system each ship in this category has. Based on a thorough review of ships' logs and records we certify that the Carnival Legend, equipped with Marine Sanitation Device Type II, complied with these provisions of the MOU. Sewage and Grey Water Discharge Logs from May 6th – September 10th for the Carnival Legend are attached.

Section 2.1.3 (C)(1-3) Shellfish and "upset" conditions. Based on a review of Carnival Legend ship's logs and records, Carnival Cruise Line certifies that we complied with the prohibition on discharging within 0.5 nautical miles of bivalve shellfish beds that are recreationally harvested or commercially approved to harvest as identified annually by the Department of Ecology and that any "upset" conditions were stopped and immediately reported to the Washington State Department of Health.



Section 2.1.3 (C)(4-10) Other discharge approval requirements. Based on a review of Carnival Legend ship's logs and records and other knowledge, Carnival Cruise Line certifies that the requirements in this section were met.

Section 2.1.4 Discharge of Residual Solids. Based on a review of Carnival Legend ships' logs and records, Carnival Cruise Line certifies that we complied with the prohibition on discharging residual solids coming from any type of treatment system within 12 nautical miles from shore and within the Olympic Coast National Marine Sanctuary. Carnival Cruise Line will make these records available to Ecology upon request.

Section 2.2.1 through 2.2.4 Hazardous Waste Management. Based on a review of Carnival Legend ship's logs and records, Carnival Cruise Line certifies that Hazardous Wastes were managed in accordance with these sections of the MOU. Hazardous wastes were collected and disposed of through approved vendors while the vessel called Port of Seattle in accordance with the Washington State Department of Ecology and RCRA regulations. Garbage Records are attached.

Section 6. Marine Mammal Protection Act, Invasive Species Act, and the Washington Ballast Water Management Act. Based on a review of Carnival Legend ship's logs and records, Carnival Cruise Line certifies that the provisions of the above laws were implemented as required by these laws. Carnival Cruise Line will make these records available to Ecology upon request. The Carnival Legend did not load or discharge any ballast water while in Seattle (Washington State Waters) during this season.

Section 9. Immediate self-reporting to Ecology of any incidences of non-compliance with any provisions of the MOU. Based on a review of the Carnival Legend ship's logs and records, there were no incidences of non-compliance to be reported to Ecology.

I hereby certify that the above information is true and can be verified through documentation. If you have any questions or concerns, please call me at 305-599-2600 ext. 64691.

Sincerely,

A handwritten signature in blue ink, appearing to read "R. Pruitt".

Richard Pruitt
VP Environmental Operations
Carnival Cruise Line

CC: Carnival Legend Captain
Carnival Legend Chief Engineer
Carnival Legend Environmental Officer
Richard Pruitt
Domenico Rognoni
Benton Lobo
Ivan Zapata
Natalie Vecchione



ROYAL CARIBBEAN CRUISES LTD.

Amy Jankowiak
Water Quality Program
Washington State Department of Ecology
Northwest Regional Office
3190 160th Avenue SE
Bellevue, WA 98008-5452

Dear Ms. Jankowiak:

Re: Washington Cruise MOU Compliance Report: 2019 Cruise Season

Section 9 of the Memorandum of Understanding for Cruise Operations in Washington State (April 20, 2004 and amended May 19, 2008), requires an annual submittal detailing the compliance with the MOU for the each vessel within the NWCA that calls to a port in Washington for the previous cruise season. Please accept this letter on behalf of Celebrity Cruise Lines for the 2019 cruise season.

The following ships operated Washington waters during 2019:

- ***Celebrity Solstice***: May 10, 16, 17, 23, 24, 30, & 31; June 06, 07, 13, 14, 20, 21, 27, & 28; July 04, 05, 11, 12, 18, 19, 26, & 27; August 01, 02, 08, 09, 15, 16, 22, 23, 29, & 30; September 05, 06, 12, & 13.

Celebrity Solstice operations in Washington State addressed the following key provisions of the MOU as follows:

Section 2.1 Wastewater Management. *Celebrity Solstice* managed its wastewater in compliance with this section as follows:

- In compliance with Section 2.1.1 and 2.1.2, *Celebrity Solstice* held all treated and untreated gray and black water while in Washington waters and did not discharge solid waste or oily bilge water if not in compliance with applicable federal and state laws while in Washington waters. List the ships that held their effluent and describe the type of treatment system each ship in this category has. Based on a thorough review of ships' logs and records we certify that our ship(s) complied with these provisions of the MOU. *Celebrity Solstice* will make these records available to Ecology upon request.



Royal Caribbean International



Celebrity Cruises



Azamara Club Cruises



TUI Cruises



Pullmantur Cruises



SkySea Cruise Line



ROYAL CARIBBEAN CRUISES LTD.

Section 2.1.3 (C)(1-3) Shellfish and “upset” conditions. Based on a review of *Celebrity Solstice* ship’s logs and records, *Celebrity Solstice* certifies that we complied with the prohibition on discharging within 0.5 nautical miles of bivalve shellfish beds that are recreationally harvested or commercially approved to harvest as identified annually by the Department of Ecology and that any “upset” conditions were stopped and immediately reported to the Washington State Department of Health.

Section 2.1.3 (C)(4-10) Other discharge approval requirements. Based on a review of *Celebrity Solstice* ship’s logs and records and other knowledge, *Celebrity Solstice* certifies that the requirements in this section were met.

Section 2.1.4 Discharge of Residual Solids. Based on a review of *Celebrity Solstice* ships’ logs and records, *Celebrity Solstice* certifies that we complied with the prohibition on discharging residual solids coming from any type of treatment system within 12 nautical miles from shore and within the Olympic Coast National Marine Sanctuary. *Celebrity Solstice* will make these records available to Ecology upon request.

Section 2.2.1 through 2.2.4 Hazardous Waste Management. Based on a review of *Celebrity Solstice* ship’s logs and records, *Celebrity Solstice* certifies that Hazardous Wastes were managed in accordance with these sections of the MOU. *Celebrity Solstice* will make these records available to Ecology upon request. Add a description of how hazardous waste is managed while in Washington.

Section 6. Marine Mammal Protection Act, Invasive Species Act, and the Washington Ballast Water Management Act. Based on a review of *Celebrity Solstice* ship’s logs and records, *Celebrity Solstice* certifies that the provisions of the above laws were implemented as required by these laws. *Celebrity Solstice* will make these records available to Ecology upon request. Add a description of how compliance with these laws was achieved.

Section 9. Immediate self-reporting to Ecology of any incidences of non-compliance with any provisions of the MOU. During the 2019 season the *Celebrity Solstice* did not have any incidences of non-compliance.



Royal Caribbean International



Celebrity Cruises



Azamara Club Cruises



TUI Cruises



Pullmantur Cruises



SkySea Cruise Line



ROYAL CARIBBEAN CRUISES LTD.

I hereby certify that the above information is true and can be verified through documentation.
If you have any questions or concerns, please call me at 305-539-6015.

Sincerely,

Patrik Dahlgren
Senior Vice President
Global Marine Operations
Royal Caribbean Ltd.
pdahlgren@celebrity.com

*Patrik Dahlgren
Senior Vice President
Global Marine Operations & Celebrity Marine*



Royal Caribbean International



Celebrity Cruises



Azamara Club Cruises



TUI Cruises



Pullmantur Cruises



SkySea Cruise Line



January 31, 2020

Via Email -- edob461@ecy.wa.gov

Evan Dobrowski
Water Quality Program
Washington State Department of Ecology
Northwest Regional Office
3190 160th Avenue SE
Bellevue, WA 98008-5452

Subject: Washington Cruise MOU Compliance Report: 2019 Cruise Season

Dear Evan Dobrowski,

Section 9 of the Memorandum of Understanding for Cruise Operations in Washington State (originally signed April 20, 2004 and Amended May 19, 2008), requires an annual submittal detailing the compliance with the MOU for the each vessel within the NWCA that calls to a port in Washington State for the previous cruise season. Please accept this letter on behalf of Windstar Cruises for the 2019 cruise season.

The following ships operated Washington waters during 2019:

M/V Star Legend, Seattle, Washington, September 25, 2019.

M/V Star Legend's operations in Washington State addressed the following key provisions of the MOU as follows:

Section 2.1 Wastewater Management. M/V Star Legend managed its wastewater in compliance with this section as follows:

In compliance with Section 2.1.1 and 2.1.2, M/V Star Legend held all treated and untreated gray and black water while in Washington waters and did not discharge solid waste or oily bilge water if not in compliance with applicable federal and state laws while in Washington waters. Based on a thorough review of ships' logs and records we certify that M/V Star Legend complied with these provisions of the MOU and will be providing these records in conjunction with this letter.

Section 2.1.3 (C)(1-3) Shellfish and "upset" conditions. Based on a review of M/V Star Legend's ship's logs and records, Windstar Cruises certifies that the ship complied with the prohibition on discharging within 0.5 nautical miles of bivalve shellfish beds that are recreationally harvested or commercially approved to harvest as identified annually by the Department of Ecology and that any "upset" conditions were stopped and immediately reported to the Washington State Department of Health.

2101 4th Avenue, Suite 210
Seattle, Washington 98121

phone: 206.733.2703
fax: 206.292.0809

WindstarCruises.com

Section 2.1.3 (C)(4-10) Other discharge approval requirements. Based on a review of M/V Star Legend's ship's logs and records and other knowledge, Windstar Cruises certifies that the requirements in this section were met.

Section 2.1.4 Discharge of Residual Solids. Based on a review of M/V Star Legend's ships' logs and records, Windstar Cruises certifies that the ship complied with the prohibition on discharging residual solids coming from any type of treatment system within 12 nautical miles from shore and within the Olympic Coast National Marine Sanctuary. Windstar Cruises will be providing these records in conjunction with this letter.

Section 2.2.1 through 2.2.4 Hazardous Waste Management. Based on a review of M/V Star Legend's ship's logs and records, Windstar Cruises certifies that Hazardous Wastes were managed in accordance with these sections of the MOU. Windstar Cruises did not offload any hazardous waste in Washington and copies of appropriate garbage record pages are being provided in conjunction with this letter.

Section 6. Marine Mammal Protection Act, Invasive Species Act, and the Washington Ballast Water Management Act. Based on a review of M/V Star Legend's ship's logs and records, Windstar Cruises certifies that the provisions of the above laws were implemented as required by these laws. M/V Star Legend did not take on or discharge ballast water in U.S. waters as per its classification society approved Ballast Water Management Plan.

Section 9. Immediate self-reporting to Ecology of any incidences of non-compliance with any provisions of the MOU. No incidents of non-compliance with the MOU occurred.

I hereby certify that the above information is true and can be verified through documentation. If you have any questions or concerns, I can be contacted at mike.inman@windstarcruises.com or 206-733-3028.

Sincerely,



Michael D. Inman
Senior Director, Marine, Safety & Environmental Operations
Windstar Cruises

Evan Dobrowski
Water Quality Program
Washington State Department of Ecology
Northwest Regional Office
3190 160th Avenue SE
Bellevue, WA 98008-5452

Dear Evan Dobrowski:

Re: Washington Cruise MOU Compliance Report: 2019 Cruise Season

Section 9 of the Memorandum of Understanding for Cruise Operations in Washington State (04MAR11), requires an annual submittal detailing the compliance with the MOU for the each vessel within the NWCA that calls to a port in Washington for the previous cruise season. Please accept this letter on behalf of Norwegian Cruise Line (NCL) for the 2019 cruise season.

The following ships operated Washington waters during 2019:

- Norwegian Bliss; Seattle WA; 05MAY, 12MAY, 19MAY, 26MAY, 02JUN, 09JUN, 16JUN, 23JUN, 30JUN, 07JUL, 14JUL, 21JUL, 28JUL, 04AUG, 11AUG, 18AUG, 25AUG, 01SEP, 08SEP, 15SEP, 22SEP, 29SEP.

Norwegian Bliss's operations in Washington State addressed the following key provisions of the MOU as follows:

Section 2.1 Wastewater Management. Norwegian Bliss managed its wastewater in compliance with this section as follows:

- In compliance with Section 2.1.1 and 2.1.2, Norwegian Bliss held all treated and untreated gray and black water while in Washington waters and did not discharge solid waste or oily bilge water if not in compliance with applicable federal and state laws while in Washington waters. List the ships that held their effluent and describe the type of treatment system each ship in this category has. Based on a thorough review of ships' logs and records we certify that our ship(s) complied with these provisions of the MOU. Norwegian Cruise Line (NCL) will make these records available to Ecology upon request.

Section 2.1.3 (C)(1-3) Shellfish and "upset" conditions. Based on a review of Norwegian Bliss ship's logs and records, Norwegian Cruise Line (NCL) certifies that we complied with the prohibition on discharging within 0.5 nautical miles of bivalve shellfish beds that are recreationally harvested or commercially approved to harvest as identified annually by the Department of Ecology and that any "upset" conditions were stopped and immediately reported to the Washington State Department of Health.

Section 2.1.3 (C)(4-10) Other discharge approval requirements. Based on a review of Norwegian Bliss ship's logs and records and other knowledge, Norwegian Cruise Line (NCL) certifies that the requirements in this section were met.

Section 2.1.4 Discharge of Residual Solids. Based on a review of Norwegian Bliss ships' logs and records, Norwegian Cruise Line (NCL) certifies that we complied with the prohibition on discharging residual solids coming from any type of treatment system within 12 nautical miles from shore and within the Olympic Coast National Marine Sanctuary. Norwegian Cruise Line (NCL) will make these records available to Ecology upon request.

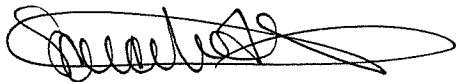
Section 2.2.1 through 2.2.4 Hazardous Waste Management. Based on a review of Norwegian Bliss ship's logs and records, Norwegian Cruise Line (NCL) certifies that Hazardous Wastes were managed in accordance with these sections of the MOU. Norwegian Cruise Line (NCL) will make these records available to Ecology upon request. Hazardous waste was not offloaded in Washington.

Section 6. Marine Mammal Protection Act, Invasive Species Act, and the Washington Ballast Water Management Act. Based on a review of Norwegian Bliss ship's logs and records, Norwegian Cruise Line (NCL) certifies that the provisions of the above laws were implemented as required by these laws. Norwegian Cruise Line (NCL) will make these records available to Ecology upon request. The Norwegian Bliss has a ballast water treatment system, however, ballast water was not discharged within Washington waters.

Section 9. Immediate self-reporting to Ecology of any incidences of non-compliance with any provisions of the MOU. There were no incidents of non-compliance for 2019 season.

I hereby certify that the above information is true and can be verified through documentation. If you have any questions or concerns, please call me at 305-436-4349.

Regards,

A handwritten signature in black ink, appearing to read 'Sarah Ferguson-Brown', with a large, sweeping flourish extending to the right.

Sarah Ferguson-Brown
Director, Environmental Operations
Norwegian Cruise Line Holdings Ltd.

Evan Dobrowski
Water Quality Program
Washington State Department of Ecology
Northwest Regional Office
3190 160th Avenue SE
Bellevue, WA 98008-5452

Dear Evan Dobrowski:

Re: Washington Cruise MOU Compliance Report: 2019 Cruise Season

Section 9 of the Memorandum of Understanding for Cruise Operations in Washington State (04MAR11), requires an annual submittal detailing the compliance with the MOU for each vessel within the NWCA that calls to a port in Washington for the previous cruise season. Please accept this letter on behalf of Norwegian Cruise Line (NCL) for the 2019 cruise season.

The following ships operated Washington waters during 2019:

- Norwegian Joy; Seattle WA; 20APR-25APR, 04MAY, 11MAY, 18MAY, 25MAY, 01JUN, 08JUN, 15JUN, 22JUN, 29JUN, 06JUL, 13JUL, 20JUL, 27JUL, 03AUG, 10AUG 17AUG, 24AUG, 31AUG, 07SEP, 14SEP, 21SEP, 28SEP, 05OCT.

Norwegian Joy's operations in Washington State addressed the following key provisions of the MOU as follows:

Section 2.1 Wastewater Management. Norwegian Joy managed its wastewater in compliance with this section as follows:

- In compliance with Section 2.1.1 and 2.1.2, Norwegian Joy held all treated and untreated gray and black water while in Washington waters and did not discharge solid waste or oily bilge water if not in compliance with applicable federal and state laws while in Washington waters. List the ships that held their effluent and describe the type of treatment system each ship in this category has. Based on a thorough review of ships' logs and records we certify that our ship(s) complied with these provisions of the MOU. Norwegian Cruise Line (NCL) will make these records available to Ecology upon request.

Section 2.1.3 (C)(1-3) Shellfish and "upset" conditions. Based on a review of Norwegian Joy ship's logs and records, Norwegian Cruise Line (NCL) certifies that we complied with the prohibition on discharging within 0.5 nautical miles of bivalve shellfish beds that are recreationally harvested or commercially approved to harvest as identified annually by the Department of Ecology and that any "upset" conditions were stopped and immediately reported to the Washington State Department of Health.

Section 2.1.3 (C)(4-10) Other discharge approval requirements. Based on a review of Norwegian Joy ship's logs and records and other knowledge, Norwegian Cruise Line (NCL) certifies that the requirements in this section were met.

Section 2.1.4 Discharge of Residual Solids. Based on a review of Norwegian Joy ships' logs and records, Norwegian Cruise Line (NCL) certifies that we complied with the prohibition on discharging residual solids coming from any type of treatment system within 12 nautical miles from shore and within the Olympic Coast National Marine Sanctuary. Norwegian Cruise Line (NCL) will make these records available to Ecology upon request.

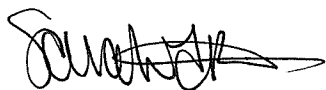
Section 2.2.1 through 2.2.4 Hazardous Waste Management. Based on a review of Norwegian Joy ship's logs and records, Norwegian Cruise Line (NCL) certifies that Hazardous Wastes were managed in accordance with these sections of the MOU. Norwegian Cruise Line (NCL) will make these records available to Ecology upon request. Hazardous waste was not offloaded in Washington.

Section 6. Marine Mammal Protection Act, Invasive Species Act, and the Washington Ballast Water Management Act. Based on a review of Norwegian Joy ship's logs and records, Norwegian Cruise Line (NCL) certifies that the provisions of the above laws were implemented as required by these laws. Norwegian Cruise Line (NCL) will make these records available to Ecology upon request. No ballast operations were in in Washington waters.

Section 9. Immediate self-reporting to Ecology of any incidences of non-compliance with any provisions of the MOU. There were no issues of non-compliance.

I hereby certify that the above information is true and can be verified through documentation. If you have any questions or concerns, please call me at 305-436-4349.

Regards,

A handwritten signature in black ink, appearing to read 'Sarah Ferguson-Brown', with a long horizontal flourish extending to the right.

Sarah Ferguson-Brown
Director, Environmental Operations
Norwegian Cruise Line Holdings Ltd.

Evan Dobrowski
Water Quality Program
Washington State Department of Ecology
Northwest Regional Office
3190 160th Avenue SE
Bellevue, WA 98008-5452

Dear Evan Dobrowski:

Re: Washington Cruise MOU Compliance Report: 2019 Cruise Season

Section 9 of the Memorandum of Understanding for Cruise Operations in Washington State (04MAR11), requires an annual submittal detailing the compliance with the MOU for the each vessel within the NWCA that calls to a port in Washington for the previous cruise season. Please accept this letter on behalf of Oceania Cruises for the 2019 cruise season.

The following ships operated Washington waters during 2019:

- Oceania Regatta; Seattle WA; 12JUN, 19JUN, 09JUL, 16JUL, 26JUL, 20AUG, 27AUG, 06SEP, 24SEP.

Oceania Regatta's operations in Washington State addressed the following key provisions of the MOU as follows:

Section 2.1 Wastewater Management. Oceania Regatta managed its wastewater in compliance with this section as follows:

- In compliance with Section 2.1.1 and 2.1.2, Oceania Regatta held all treated and untreated gray and black water while in Washington waters and did not discharge solid waste or oily bilge water if not in compliance with applicable federal and state laws while in Washington waters. List the ships that held their effluent and describe the type of treatment system each ship in this category has. Based on a thorough review of ships' logs and records we certify that our ship(s) complied with these provisions of the MOU. Oceania Cruises) will make these records available to Ecology upon request.

Section 2.1.3 (C)(1-3) Shellfish and "upset" conditions. Based on a review of Oceania Regatta ship's logs and records, Oceania Cruises certifies that we complied with the prohibition on discharging within 0.5 nautical miles of bivalve shellfish beds that are recreationally harvested or commercially approved to harvest as identified annually by the Department of Ecology and that any "upset" conditions were stopped and immediately reported to the Washington State Department of Health.

Section 2.1.3 (C)(4-10) Other discharge approval requirements. Based on a review of Oceania Regatta ship's logs and records and other knowledge, Oceania Cruises certifies that the requirements in this section were met.

Section 2.1.4 Discharge of Residual Solids. Based on a review of Oceania Regatta ships' logs and records, Oceania Cruises certifies that we complied with the prohibition on discharging residual solids coming from any type of treatment system within 12 nautical miles from shore and within the Olympic Coast National Marine Sanctuary. Oceania Cruises will make these records available to Ecology upon request.

Section 2.2.1 through 2.2.4 Hazardous Waste Management. Based on a review of Oceania Regatta ship's logs and records, Oceania Cruises certifies that Hazardous Wastes were managed in accordance with these sections of the MOU. Oceania Cruises will make these records available to Ecology upon request. Hazardous waste was not offloaded in Washington.

Section 6. Marine Mammal Protection Act, Invasive Species Act, and the Washington Ballast Water Management Act. Based on a review of Oceania Regatta ship's logs and records, Oceania Cruises certifies that the provisions of the above laws were implemented as required by these laws. Oceania Cruises will make these records available to Ecology upon request. Add a description of how compliance with these laws was achieved.

Section 9. Immediate self-reporting to Ecology of any incidences of non-compliance with any provisions of the MOU. There were no incidents of non-compliance.

I hereby certify that the above information is true and can be verified through documentation. If you have any questions or concerns, please call me at 305-436-4349.

Regards,

A handwritten signature in black ink, appearing to read 'Sarah Ferguson-Brown', with a stylized flourish at the end.

Sarah Ferguson-Brown
Director, Environmental Operations
Norwegian Cruise Line Holdings Ltd.



ROYAL CARIBBEAN CRUISES LTD.

Amy Jankowiak
Water Quality Program
Washington State Department of Ecology
Northwest Regional Office
3190 160th Avenue SE
Bellevue, WA 98008-5452

Dear Ms. Jankowiak:

Re: Washington Cruise MOU Compliance Report: 2019 Cruise Season

Section 9 of the Memorandum of Understanding for Cruise Operations in Washington State (April 20, 2004 and amended May 19, 2008), requires an annual submittal detailing the compliance with the MOU for the each vessel within the NWCA that calls to a port in Washington for the previous cruise season. Please accept this letter on behalf of Royal Caribbean Cruise Ltd. (RCL) for the 2019 cruise season.

The following ship operated within the Washington waters during 2019:

- ***Ovation of the Seas***: May 23, 24, 30, 31, June 06, 07, 13, 14, 20, 21, 27, 28, July 04, 05, 11, 12, 18, 19, 25, 26, August 01, 02, 08, 09, 15, 16, 22, 23, 29, 30, September 05, 06, 12, 13, 19, 21.
- ***Celebrity Eclipse***: April 15.
- ***Azamara Quest***: June 13, July 03 & 04.

RCL operations in Washington State addressed the following key provisions of the MOU as follows:

Section 2.1 Wastewater Management. RCL managed its wastewater in compliance with this section as follows:

- In compliance with Section 2.1.1 and 2.1.2, *Ovation of the Seas*, *Celebrity Eclipse*, & *Azamara Quest* held all treated and untreated gray and black water while in Washington waters and did not discharge solid waste or oily bilge water if not in compliance with applicable federal and state laws while in Washington waters. List the ships that held their effluent and describe the type of treatment system each ship in this category has. Based on a thorough review of ships' logs and records we certify that our ship(s) complied with these provisions of the MOU. *Ovation of the Seas*, *Celebrity Eclipse*, & *Azamara Quest* will make these records available to Ecology upon request.



Royal Caribbean International



Celebrity Cruises



Azamara Club Cruises



TUI Cruises



Pullmantur Cruises



SkySea Cruise Line



ROYAL CARIBBEAN CRUISES LTD.

Section 2.1.3 (C)(1-3) Shellfish and “upset” conditions. Based on a review of *Ovation of the Seas*, *Celebrity Eclipse*, & *Azamara Quest* ship’s logs and records, *Ovation of the Seas*, *Celebrity Eclipse*, & *Azamara Quest* certifies that we complied with the prohibition on discharging within 0.5 nautical miles of bivalve shellfish beds that are recreationally harvested or commercially approved to harvest as identified annually by the Department of Ecology and that any “upset” conditions were stopped and immediately reported to the Washington State Department of Health.

Section 2.1.3 (C)(4-10) Other discharge approval requirements. Based on a review of *Ovation of the Seas*, *Celebrity Eclipse*, & *Azamara Quest* ship’s logs and records and other knowledge, *Ovation of the Seas*, *Celebrity Eclipse*, & *Azamara Quest* certifies that the requirements in this section were met.

Section 2.1.4 Discharge of Residual Solids. Based on a review of *Ovation of the Seas*, *Celebrity Eclipse*, & *Azamara Quest* ships’ logs and records, *Ovation of the Seas*, *Celebrity Eclipse*, & *Azamara Quest* certifies that we complied with the prohibition on discharging residual solids coming from any type of treatment system within 12 nautical miles from shore and within the Olympic Coast National Marine Sanctuary. *Ovation of the Seas*, *Celebrity Eclipse*, & *Azamara Quest* will make these records available to Ecology upon request.

Section 2.2.1 through 2.2.4 Hazardous Waste Management. Based on a review of *Ovation of the Seas*, *Celebrity Eclipse*, & *Azamara Quest* ship’s logs and records, *Ovation of the Seas*, *Celebrity Eclipse*, & *Azamara Quest* certifies that Hazardous Wastes were managed in accordance with these sections of the MOU. *Ovation of the Seas*, *Celebrity Eclipse*, & *Azamara Quest* will make these records available to Ecology upon request. Add a description of how hazardous waste is managed while in Washington.

Section 6. Marine Mammal Protection Act, Invasive Species Act, and the Washington Ballast Water Management Act. Based on a review of *Ovation of the Seas*, *Celebrity Eclipse*, & *Azamara Quest* ship’s logs and records, *Ovation of the Seas*, *Celebrity Eclipse*, & *Azamara Quest* certifies that the provisions of the above laws were implemented as required by these laws. *Ovation of the Seas*, *Celebrity Eclipse*, & *Azamara Quest* will make these records available to Ecology upon request. Add a description of how compliance with these laws was achieved.

Section 9. Immediate self-reporting to Ecology of any incidences of non-compliance with any provisions of the MOU. During the 2019 season the *Ovation of the Seas*, *Celebrity Eclipse*, & *Azamara Quest* did not have any incidences of non-compliance.



Royal Caribbean International



Celebrity Cruises



Azamara Club Cruises



TUI Cruises



Pullmantur Cruises



SkySea Cruise Line



ROYAL CARIBBEAN CRUISES LTD.

I hereby certify that the above information is true and can be verified through documentation.
If you have any questions or concerns, please call me at 305-539-6015.

Sincerely,

Gregory M. Purdy
Senior Vice President
Royal Marine Operations
Royal Caribbean Cruises Ltd.

Gpurdy@rccl.com



Royal Caribbean International



Celebrity Cruises



Azamara Club Cruises



TUI Cruises



Pullmantur Cruises



SkySea Cruise Line

November 26, 2019

Ms. Amy Jankowiak
Washington State Department of Ecology
Northwest Regional Office
3190 160th Avenue SE
Bellevue, WA 98008-5452

Re: Washington Cruise MOU Compliance Report: 2019 Cruise Season

Dear Ms. Jankowiak:

Section 9 of the Memorandum of Understanding for Cruise Operations in Washington State 06 March 2016 requires an annual submittal detailing the compliance with the MOU for the each vessel within the CLIA-NWC that calls to a port in Washington for the previous cruise season. Please accept this letter on behalf of Holland America Group for the 2019 cruise season.

The following Holland America Group ships operated in Washington state waters during 2019.

AMSTERDAM
EURODAM
GRAND PRINCESS
OOSTERDAM
ROYAL PRINCESS
RUBY PRINCESS
SEABOURN SOJOURN
STAR PRINCESS

Holland America Group's operations in Washington State addressed the following key provisions of the MOU as follows:

Section 2.1 Wastewater Management. Holland America Line managed its wastewater in compliance with this section as follows:

In compliance with Section 2.1 .1 and 2.1.2, Holland America Group vessels, with the exception of a single incident described below, held all treated and untreated gray and black water while in Washington waters and did not discharge solid waste or oily bilge water if not in compliance with applicable federal and state laws while in Washington waters.

The following Holland America Group vessels are equipped with the listed waste water treatment systems:

AMSTERDAM	Hamworthy Type II MSD
EURODAM	Hamworthy AWWTS
GRAND PRINCESS	Hamworthy AWWTS
OOSTERDAM	Hamworthy AWWTS
ROYAL PRINCESS	Hamworthy AWWTS
RUBY PRINCESS	Hamworthy AWWTS
SEABOURN SOJOURN	Hamworthy AWWTS
STAR PRINCESS	Hamworthy AWWTS

Based on a thorough review of ships' logs and records, with the exception of the incident described above, we certify that our ship(s) complied with these provisions of the MOU.

Section 2.1.3 (C)(I-3) Shellfish and "upset" conditions. Based on a review of Holland America Group's ship's logs and records, Holland America Group certifies that we complied with the prohibition on discharging within 0.5 nautical miles of bivalve shellfish beds that are recreationally harvested or commercially approved to harvest as identified annually by the Department of Ecology and that any "upset" conditions were stopped and immediately reported to the Washington State Department of Health.

Section 2.1 .3 (C)(C4-10) Other discharge approval requirements. Holland America Group did not submit documentation as described in sections 2.1.3 A. or B. of the MOU.

Section 2.1.4 Discharge of Residual Solids. Based on a review of Holland America Group's ships' logs and records, Holland America Group certifies that we complied with the prohibition on discharging residual solids coming from any type of treatment system within 12 nautical miles from shore and within the Olympic Coast National Marine Sanctuary. Holland America Group will make these records available to Ecology upon request.

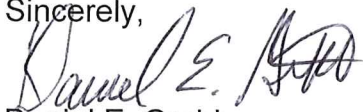
Section 2.2.1 through 2.2.4 Hazardous Waste Management. Based on a review of Holland America Group's ship's logs and records, Holland America Group certifies that Hazardous Wastes were managed in accordance with these sections of the MOU. Holland America Group will make these records available to Ecology upon request. Hazardous waste was not offloaded from Holland America Group vessels in Washington State in 2019.

Section 6. Marine Mammal Protection Act, Invasive Species Act, and the Washington Ballast Water Management Act. Based on a review of Holland America Group's ship's logs and records, Holland America Group certifies that the provisions of the above laws were implemented as required by these laws. Holland America Group will make these records available to Ecology upon request. Holland America Group has developed internal procedures designed to ensure compliance with all ballast water regulations. This procedure is in HESS-MS section ENV 1500 Ballast Water & Biofouling Management.

Section 9. Immediate self-reporting to Ecology of any incidences of non-compliance with any provisions of the MOU. Holland America Group operations in Washington State resulted in zero incidences of non-compliance with the MOU.

I hereby certify that the above information is true and can be verified through documentation. If you have any questions or concerns, please call me at (206) 626-3867.

Sincerely,

A handwritten signature in dark ink, appearing to read "Daniel E. Grabb", is written over the word "Sincerely,".

Daniel E. Grabb
Manager Environmental Operations
Holland America Group

February 19, 2020

Mr. Evan Dobrowski
Washington State Department of Ecology
Northwest Regional Office
3190 160th Avenue SE
Bellevue, WA 98008-5452

Re: Washington Cruise MOU Compliance Report: 2019 Cruise Season – Rev. 1

Dear Mr. Dobrowski:

Section 9 of the Memorandum of Understanding for Cruise Operations in Washington State 06 March 2016 requires an annual submittal detailing the compliance with the MOU for the each vessel within the CLIA-NWC that calls to a port in Washington for the previous cruise season. Please accept this letter on behalf of Holland America Group for the 2019 cruise season.

The following Holland America Group ships operated in Washington state waters during 2019.

AMSTERDAM
EURODAM
MAASDAM
GRAND PRINCESS
OOSTERDAM
ROYAL PRINCESS
RUBY PRINCESS
SEABOURN SOJOURN
STAR PRINCESS

Holland America Group's operations in Washington State addressed the following key provisions of the MOU as follows:

Section 2.1 Wastewater Management. Holland America Line managed its wastewater in compliance with this section as follows:

In compliance with Section 2.1 .1 and 2.1.2, Holland America Group vessels, with the exception of a single incident described below, held all treated and untreated gray and black water while in Washington waters and did not discharge solid waste or oily bilge water if not in compliance with applicable federal and state laws while in Washington

waters.

The following Holland America Group vessels are equipped with the listed waste water treatment systems:

AMSTERDAM	Hamworthy Type II MSD
EURODAM	Hamworthy AWWTS
MAASDAM	Zenon AWWTS
GRAND PRINCESS	Hamworthy AWWTS
OOSTERDAM	Hamworthy AWWTS
ROYAL PRINCESS	Hamworthy AWWTS
RUBY PRINCESS	Hamworthy AWWTS
SEABOURN SOJOURN	Hamworthy AWWTS
STAR PRINCESS	Hamworthy AWWTS

Based on a thorough review of ships' logs and records, with the exception of the incident described above, we certify that our ship(s) complied with these provisions of the MOU.

Section 2.1.3 (C)(I-3) Shellfish and "upset" conditions. Based on a review of Holland America Group's ship's logs and records, Holland America Group certifies that we complied with the prohibition on discharging within 0.5 nautical miles of bivalve shellfish beds that are recreationally harvested or commercially approved to harvest as identified annually by the Department of Ecology and that any "upset" conditions were stopped and immediately reported to the Washington State Department of Health.

Section 2.1 .3 (C)(C4-10) Other discharge approval requirements. Holland America Group did not submit documentation as described in sections 2.1.3 A. or B. of the MOU.

Section 2.1.4 Discharge of Residual Solids. Based on a review of Holland America Group's ships' logs and records, Holland America Group certifies that we complied with the prohibition on discharging residual solids coming from any type of treatment system within 12 nautical miles from shore and within the Olympic Coast National Marine Sanctuary. Holland America Group will make these records available to Ecology upon request.

Section 2.2.1 through 2.2.4 Hazardous Waste Management. Based on a review of Holland America Group's ship's logs and records, Holland America Group certifies that Hazardous Wastes were managed in accordance with these sections of the MOU. Holland America Group will make these records available to Ecology upon request. Hazardous waste was not offloaded from Holland America Group vessels in Washington State in 2019.

Section 6. Marine Mammal Protection Act, Invasive Species Act, and the Washington Ballast Water Management Act. Based on a review of Holland America Group's ship's logs and records, Holland America Group certifies that the provisions of the above laws were implemented as required by these laws. Holland America Group will make these records available to Ecology upon request. Holland America Group has developed internal procedures designed to ensure compliance with all ballast water regulations. This procedure is in HESS-MS section ENV 1500 Ballast Water & Biofouling Management.

Section 9. Immediate self-reporting to Ecology of any incidences of non-compliance with any provisions of the MOU. Holland America Group operations in Washington State resulted in zero incidences of non-compliance with the MOU.

I hereby certify that the above information is true and can be verified through documentation. If you have any questions or concerns, please call me at (206) 626-3867.

Sincerely,



Daniel E. Grabb
Manager Environmental Operations
Holland America Group